Document Log Item

| Addressing | | | |
|---|-------------|-------------------------------|------------------|
| From | | То | |
| David Basinger/R9/USEPA/US | | Adam Freedman/R9/USEPA/US@EPA | |
| СС | | BCC | |
| Description | | | Form Used: Reply |
| Subject | | Date/Time | |
| Re: (Shell) C6 CCS Plugging & Abandonment Plans | | 02/26/2010 01:49 PM | |
| # of Attachments | Total Bytes | NPM | Contributor |
| 0 | 32,174 | | |
| Processing | | | |
| Comments | | | |
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Body

Document Body

Leliberative Ex. (b)(5)

Dave

Adam Freedman---02/26/2010 12:55:26 PM---I

From: Adam Freedman/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA

Cc: David Basinger/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep

Date: 02/26/2010 12:55 PM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans ${\it Page}~1~{\it of}~11$

David Albright---02/26/2010 11:29:24 AM---

From: David Albright/R9/USEPA/US

To: Adam Freedman/R9/USEPA/US@EPA

Cc: David Basinger/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep

Date: 02/26/2010 11:29 AM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans



Adam Freedman---02/26/2010 10:02:58 AM---

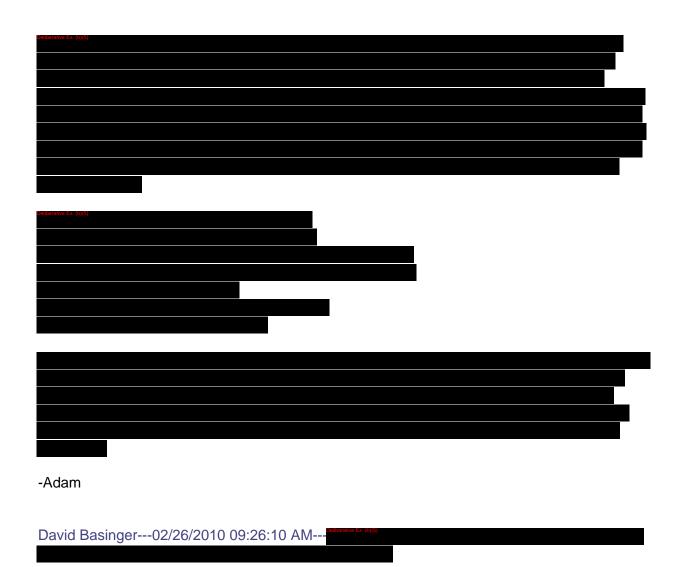
From: Adam Freedman/R9/USEPA/US
To: David Basinger/R9/USEPA/US@EPA

Cc: David Albright/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep

Page 2 of 11

Date: 02/26/2010 10:02 AM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

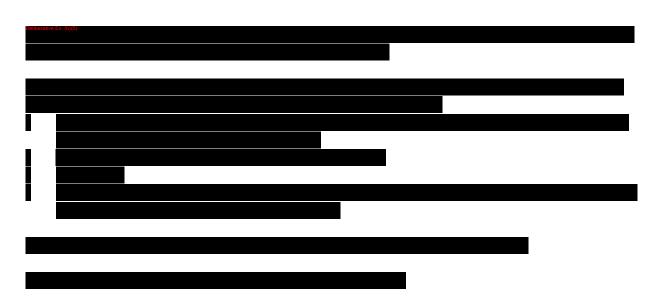


From: David Basinger/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA

Cc: Adam Freedman/R9/USEPA/US@EPA, David Albright/R9/USEPA/US@EPA, R9-Deep

Date: 02/26/2010 09:26 AM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans



Dave

George Robin---02/25/2010 02:21:20 PM---

From: George Robin/R9/USEPA/US

To: Adam Freedman/R9/USEPA/US@EPA
Cc: David Albright/R9/USEPA/US@EPA, R9-Deep

Date: 02/25/2010 02:21 PM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Delicerative E.c. (a)(5)

Adam Freedman---02/24/2010 05:13:47 PM---

From: Adam Freedman/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA

Cc: George Robin/R9/USEPA/US@EPA, R9-Deep

Date: 02/24/2010 05:13 PM

George

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

David Albright---02/24/2010 05:02:13 PM---

David Albright/R9/USEPA/US From:

Adam Freedman/R9/USEPA/US@EPA To:

Cc: George Robin/R9/USEPA/US@EPA, R9-Deep

Date: 02/24/2010 05:02 PM

Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Re: (Shell) C6 CCS Plugging & Abandonment Plans

Re: (Shell) C6 CCS Plugging & Abandonment Plans

George Robin **Adam Freedman** to:

02/24/2010 04:55 PM

Cc: R9-Deep



-Adam

George Robin---02/23/2010 11:11:14 AM---Thanks Adam,

From: George Robin/R9/USEPA/US

To: Adam Freedman/R9/USEPA/US@EPA

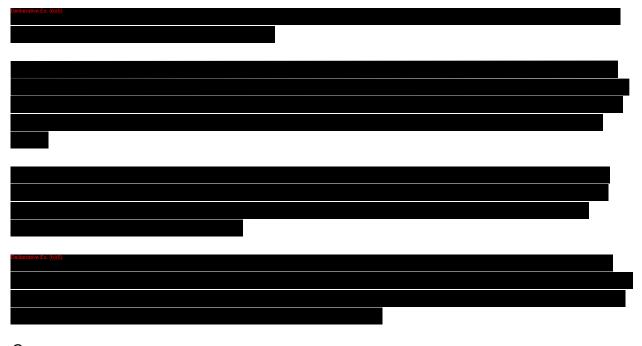
Cc: R9-Deep

Date: 02/23/2010 11:11 AM

Subject: (Shell) C6 CCS Plugging & Abandonment Plans

Thanks Adam,





George

Adam Freedman---02/23/2010 10:46:53 AM---George--

From: Adam Freedman/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA

Date: 02/23/2010 10:46 AM

Subject: Re: Fw: C6 CCS Plugging & Abandonment Plans

George--

-Adam

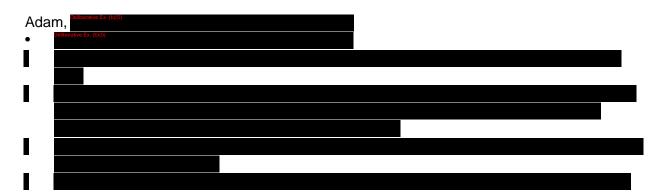
George Robin---02/18/2010 12:49:10 PM---Adam,

From: George Robin/R9/USEPA/US

To: Adam Freedman/R9/USEPA/US@EPA

Date: 02/18/2010 12:49 PM

Subject: Fw: C6 CCS Plugging & Abandonment Plans



George

---- Forwarded by George Robin/R9/USEPA/US on 02/18/2010 12:39 PM -----

From: <Damonica.Pierson@Shell.com>
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA

Date: 02/17/2010 10:00 AM

Subject: RE: C6 CCS Plugging & Abandonment Plans

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Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

----Original Message-----

From: Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

Sent: Tuesday, February 09, 2010 6:18 PM

To: Pierson, Damonica M SEPCO-SWE

Cc: robin.george@epa.gov

Subject: C6 CCS Plugging & Abandonment Plans

Damonica.

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma) click on the Final Permit for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman
Environmental Scientist, Underground Injection Control

U.S. Environmental Protection Agency, Region 9
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San Francisco, CA 94105-3901
415.972.3845
freedman.adam@epa.gov [attachment "TA_PA well schematic Injection Well.ppt" deleted by Adam Freedman/R9/USEPA/US]